th	Contents	Reference to last Measurement
	7	8

First & final

AEE/KSD/SBR/123/15-16 dt 28/9/15.

M. A. R. 57 (Rule 116)

Measurement Book

No. B

Serial No. .....

Name of Work ..... Improvements to roads & drains (opp Neeleshwara temple & Nachikethana provision, etc) at Neeleshwara Layout in ward no. 8, Kodigehalli sub Division From..... To.....

Name of Contractor of nature of Agency ..... K.V. Subbareddy, Kan 2nd stage, Kanakapura.

Date of commencement of work 02-05-2015

258921

BR-179/30-9/15

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Estimate cost : Rs. 12.00 lakhs.						
	Job No : 008-15-000026						
	AS No. 1128/14-15 dtd 4.12.2014.						
	TS No. 258/14-15 dtd. 22.12.2014.						
	WO No. EE/BTP/KSMD/E-PMT/331/2014-15 dtd. 25.02.2015						
	Measurement recorded on: 28-09-2015						
1)	Earthwork excavation by manual means in ordinary soil, excavated surface levelled & sides neatly dressed, disposed earth to be levelled neatly upto, duly cleared & complete. Qty as per item No(1) of page 258945					250.40 cum	
					Limited to	225.86 cum	
					@ Rs. 79.34/- = Rs.	17919/-	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Lead for disposal of debris shall be payable at carriage rates by mechanical means including loading & unloading as directed. Qty vide Item No. (1) of Page 258946	-	-	-	-	250.42	cum
				Limited to		225.86	cum
				@ Rs. 77.21/-		= Rs.	17439/-
	2) Removing Rubble from drain & stacking including cost of all labour, tools & machineries etc complete. Qty vide Item No. (2) of Page 258946	-	-	-	-	214.50	SQM
				@ Rs 674.41		= Rs.	144661/-

Serial No. .....
Name of Work .....
Name of Contractor of natu
Date of commencement of

Date	Full description,
1	2
	3) Refixing stone including c machineries Qty vide Item N
	4) Providing roughly including Qty vide Ite

OK

Depth 6	Contents 7	Reference to last Measurement 8
de at redy		
--	250.42 cum	
to	205.86 cum	
. .	- = Rs. 17439/-	
redy ers		
--	214.50 Sqm	
41 -	-- = Rs. 144661/-	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

258922

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
3)	Refixing stone slabs of drain & pointing in CM 1:3, including cost of all materials, labour, TOM of machinery etc complete.						
	Duty wide item No (3) of Page	258946	- - - - - -			214.50 Sqm	
	@ Rs. 672.00/- - - -					-- = Rs	144661/-
4)	Providing granite slabs of selected quality roughly dressed & fixed in CM 1:6 including fixing etc complete.						
	Duty vide Item No.(4) of Page	258947	- - - - - -			246.80 Sqm	
					Limited to	223.20 Sqm	
	@ Rs 674.41 - - -					- - Rs.	150528/-

C&FC Ramp Exp. E. Exp. D.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
5)	Providing & laying in position PCC of M20 mix in the ratio of 1:1.5:3 with OPC cement @ 380 kg with 20mm & down granite metal CA @ 0.85 cum & FA @ 0.55 cum Machine mixed, concrete laid in layers not exceeding 150 mm thick & compacted complete Qty vide Item No. (5) / page 258946 - - - - -					3.60	cum
	@ Rs. 5086.97/- - - - = Rs						18313/-
6)	Providing & constructing granite pcc stone masonry in superstructure with CM 1:6, edges / sides chisel dressed in courses not less than 150 mm high bond stone @ 2m apart in each course & complete Qty vide Item No. (6) / Rs 258247 - - - - -					12.96	cum
	@ Rs. 5099.87 - - - -						66128/-

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2
7)	Providing mixed pointing with CM 1:4, 20mm down depth / 20mm, nom Qty vide Item No. (7) / pa
8)	Providing & laying in with cement @ 240 kg Metal CA @ 0.878 cu Machine mixed, c complete as directe Qty vide Item No. (8)

Contents	Reference to last Measurement
7	8
3.60 cum - - - = Rs	1831/-
12.96 cum - - - -	6492/-

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To..... 258923

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Providing raked pointing to coursed stone masonry with CM 1:4, 20mm deep after raking joints to depth & 20mm, nicely lily & complete. as per site item No. (1) & page 258947 @ Rs. 97.48/-					21.60 sqm - - - = Rs	2106/-
	2) Providing & laying in position PCC & mix 1:2:4 with cement @ 240 kg with 20mm & dn granite metal CA @ 0.878 cum & FA @ 0.459 cum machine mixed, cost & all materials etc complete as directed. as per site item No. (2) & page 258947 @ Rs. 5591.35/-					6.48 cum - - - = Rs	36232/-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
10)	Providing mild steel reinforcement for RCC work including straightening, cutting, bending, hooking, placing in position, tying with binding wire etc complete as directed.						
	(Qty vide item No. (10) of page 258948	- - -	- - -	- - -	- - -	5.32	CH.
					Deducted	4.47	CH.
				@ Rs. 8370.60	- - -	= Rs.	37417/-
11)	Providing & removing centering, shuttering, sheeting, propping etc complete & removing formwork for vertical surface such as walls as directed.						
	(Qty vide item No. (11) of page 258948	- - -	- - -	- - -	- - -	14.38	Sq.
				@ Rs. 307.17	- - -	= Rs.	4417/-

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2
12)	Scarifying existing stone metal along with top picking up scarified serviceable material including lead materials etc complete
	(Qty vide item No.(12) of page
13)	Providing laying spreading stone aggregate to

K

epth 6	Contents 7	Reference to last Measurement 8
	5.32	OH.
	4.47	OH.
	= Ks	3741 7/-
	14.38	do
	= Rs.	4417/-

M. A. R. 57 (Rule 116)
Measurement Book

No. B 258924

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
12)	Scarifying existing stone metal layer upto 75mm thick along with their bituminous surface, picking up scarified materials & stacking at old serviceable material with lead upto 100M, spreading including hire of machineries, GST & all materials etc complete.						
	Extra rate item no (12) as per	2	58.92	-	-	881.52	Same
				Limited to		747.00	do
				@ Rs. 87.05/-		Rs.	65026/-
13)	Providing laying spreading & compacting graded stone aggregate to wet mix macadam specification						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	including providing the material with mechanical mix plant & laying in uniform layers with proper & forequire at the prepared surface etc complete as directed.						
	Qty vide item no. (13)	2	58950			176.31 cum	
					Limited to	149.40 cum	
					@ Rs. 1509.77	= Rs. 225560/-	
9)	providing & laying in position RCC of design mix M25 with OPC cement @ 320 kg/cum CA @ 0.828 cum, FA @ 0.459 cum, with super plasticizer @ 3 lts, concrete laid in layers not exceeding 150 mm as directed						
	culverts	2	6.00	1.80	0.23	4.97 cum	
					@ Rs. 6365.51/-	= Rs.	31637/-

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2
14)	Clearing the existing removing & binding material with wire b away etc complete 1st class road, Golagi Layout

DK

Depth 6	Contents 7	Reference to last Measurement 8
ONC i re es		
. .	176.31 cum	
d to	149.40 cum	
7 . .	. . Rs. 225580/-	
ayi Comm yer NO		
0.23	4.97 cum	
. .	. . = Rs. 21537/-	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

258925

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
14)	Clearing the existing WBM road surface including removing of binding materials & other foreign matter with wire brushes & small picks, sweeping etc complete as directed. 1st coat on road, belgi layout	1	15.00	(7.8 + 6.80)/2		109.50 Sqm	
		1	15.00	(6.8 + 6.40)/2		99.00 "	
		1	15.00	(6.4 + 6.50)/2		96.75 "	
		1	15.00	(6.5 + 6.20)/2		95.25 "	
		1	14.80	(6.2 + 6.00)/2		90.28 "	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	8m Main road 'D' Stock Shahabadapar near Water Tank	1	15.000	(8.0 + 7.50)/2		116.25	Sqm
		1	15.00	(7.5 + 7.8)/2		114.75	"
		1	15.00	(7.8 + 8.0)/2		118.50	"
	beacon type Junction line	1	3.00	(2.0 + 2.0)/2		6.00	"
					Total.	846.28	Sqm
				Less		44 f.00	Sqm
				@ Rs. 12.80/-		- - :Rs.	9562/-
	15) providing & applying tack coat using 80/100 grade bitumen at prepared Steel topped surface @ 25 kg/sqm, heating bitumen in boiler fitted Lorry, applying hot coat of material etc complete.						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Age
Date of commencement of work .....

Date	Full description, etc, of wo
1	2
	Vide item No. (
16)	providing & la with MMP usi grading premix transport m with hydrostatic grade, level & wheeled vibr desired comp

K

epth 6	Contents 7	Reference to last Measurement 8
	116.28 Sqm	
	114.75 "	
	118.50 "	
	6.00 "	
	846.28 Sqm	
	74 t.00 tM	
	- - =Rs.	9562/-

M. A. R. 57 (Rule 116)
Measurement Book

No. B

258926

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	~~Qty~~ vide item no. (14)	3 nos	Rep.	. . .	. . .	74 t.0 tM	
			@ Rs. 78.21/-	. . .		=Rs.	5842.3/-
16)	providing & laying bituminous concrete 40mm thick with HMP mix crushed aggregates of specified grading premixed with bituminous binder & filler transporting the hot mix to work site, laying with hydrostatic power finisher to required grade, level & alignment rolling with smooth wheeled vibratory & tandem roller to desired compaction as directed complete.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1st Cross road, Balaji Layout	1	15.0	(7.8+6.8)/2	0.025	2.78	cum
		1	15.00	(6.8+6.4)/2	0.025	2.64	"
		1	15.00	(6.4+6.4)/2	0.025	2.40	"
		1	15.0	(6.4+6.2)/2	0.025	2.38	"
		1	14.80	(6.2+6.0)/2	0.025	2.25	"
	8m main 'D' block, Venkatappa, near water tank	1	15.0	(8+7.5)/2	0.025	2.90	"
		1	15.0	(7.5+7.8)/2	0.025	2.86	"
		1	15.0	(7.8+8)/2	0.025	2.95	"
	beneath high tension line	1	3.00	(3.0+3)/2	0.025	0.15	"
					Total	21.15	cum
				Deducted 3		18.68	cu
				@ Rs. 11617.97 - - - = Rs.		217024/-	

CGFC

MCFC

Assistant Executive Engineer,
Kodigehalli Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Serial No. .....
Name of Work .....
Name of Contractor of nature of Age
Date of commencement of work .....

Date	Full description, etc, of wor
1	2
	Completion:
1)	The Contractor
2)	The contractor
	his own
3)	There are

K

pth 6	Contents 7	Reference to last Measurement 8
025	2.73	cum
025	2.44	"
25	2.41	"
25	2.38	"
25	2.25	"
025	2.90	"
025	2.86	"
25	2.95	"
25	0.15	"
	21.15	cum
	18.48	cu
	= Rs.	117024/-

CSFC

M. A. R. 57 (Rule 116)
Measurement Book

No. B

258927

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
			Total	All	Amount = Rs.		1245852.00

Completion:

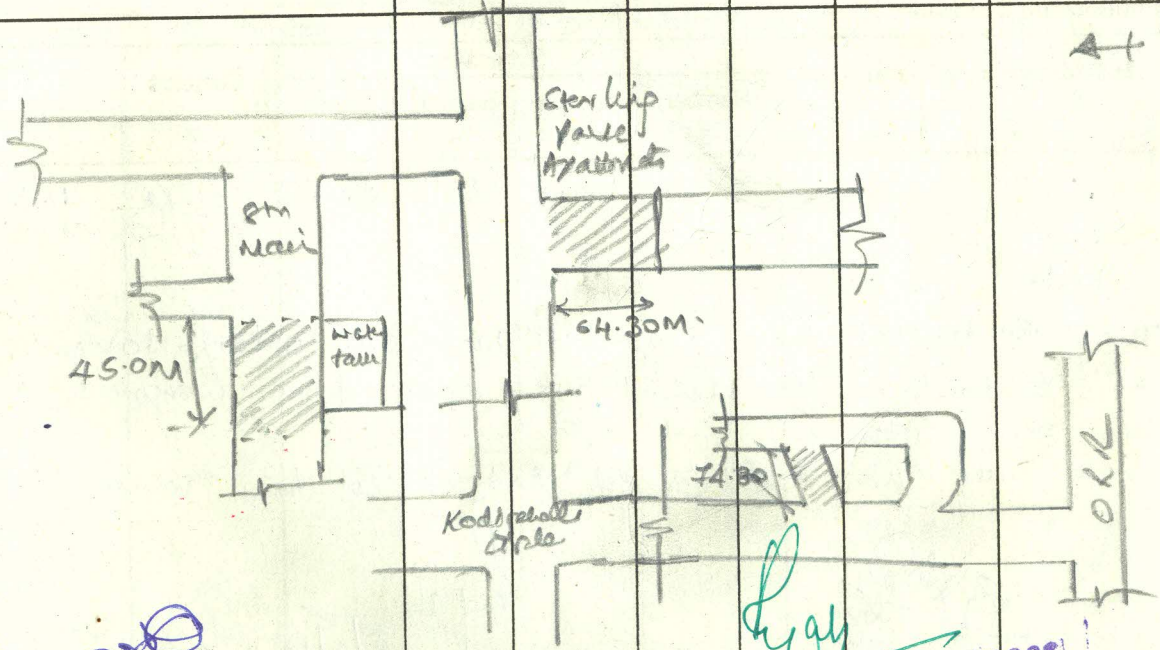
1) The Contractor has completed the work satisfactorily
2) The contractor has cleared the debris from work spot using his own vehicle.
3) There are no deposited issues to this work.

28/9/15

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

28/9/15

MEASUREMENT BOOK

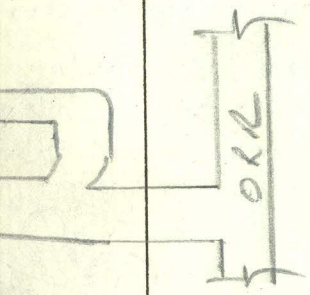
Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
							

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2

Contents	Reference to last Measurement
7	8
	4+N



ntive Engineer,
Sub Division,
one, B.B.M.P.

M. A. R. 57 (Rule 116)
Measurement Book

No. B

258928

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1245850=00 102746= 11,43,104=00 H.V.L 25/8			I= 12459= VAT= 49836 Cess= 12459= CGF= 1246= Roy= 26948= Total 102746=00			